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Patents, Trademarks, Copyrights,  
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August 21, 2003

03913 U.S. PTO  
10/645748  
08/21/03



## UTILITY PATENT APPLICATION TRANSMITTAL (new nonprovisional applications under 37 CFR 1.53 (b))

Attorney Docket Number: AMSC 2804

First Named Inventor: Andrew J. Allman

Title: AUTOMATIC ENCODER RESOLUTION CALIBRATION AND LENGTH  
MEASUREMENT SYSTEM AND METHOD

Express Mail Label Number: EV 272755182 US

TO: Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

### APPLICATION ELEMENTS

1.  Fee Transmittal Form  
(original and duplicate)
2.  Applicant claims small entity status
3.  Specification [Total Pages 32]
4.  Drawings [Total Sheets 8]
5. Oath or Declaration [Total Pages 4]
  - a.  Newly executed (original or copy)  
 New (unexecuted)
  - b.  Copy from a prior application  
(for continuation/divisional with  
Box 19 completed)
    - i.  DELETION OF INVENTOR(s)  
Signed statement attached  
deleting inventor(s) named  
in prior application.

6. [ ] Incorporation By Reference  
(useable if Box 5b is marked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

7. [X] Application Data Sheet

8. [ ] CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

9. [ ] Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

- a. [ ] Computer Readable Form
- b. [ ] Specification Sequence Listing on:
  - i. [ ] CD-ROM or CD-R (2 copies); or
  - ii. [ ] paper
- c. [ ] Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

10. [X] Assignment Papers (cover sheet & document(s))

11. [ ] 37 CFR 3.73(b) Statement [ ] Power of Attorney

12. [ ] English Translation Document (if applicable)

13. [ ] IDS with PTO/SB/08A [ ] Copies of IDS Citations

14. [ ] Preliminary Amendment

15. [X] Return Receipt Postcard

16. [ ] Request and Certification for Non-Publication. Form PTO/SB/35 is attached.

17. [ ] Certified Copy of Priority Document(s) if foreign priority is claimed

18. [ ] Other: \_\_\_\_\_

**IF A CONTINUING APPLICATION, CHECK APPROPRIATE BOXES AND SUPPLY THE REQUISITE INFORMATION**

19. [ ] Continuation [ ] Divisional [ ] Continuation-in-Part of prior application No.: \_\_\_\_\_  
[ ] Complete Application based on provisional Application No. \_\_\_\_\_

Prior application information: Examiner:  
Group Art Unit:

CORRESPONDENCE ADDRESS

20. Correspondence Address: Customer Number 321  
Attention: David L. Howard

Respectfully submitted,

A handwritten signature in black ink, appearing to read "David L. Howard".

David L. Howard, Reg. No. 41,502

DLH/kll

FEE TRANSMITTAL

Application Number FILED HEREWITH  
Filing Date FILED HEREWITH  
Inventors Allman, et al.  
Attorney Docket Number AMSC 2804

**METHOD OF PAYMENT**

1.  The Commissioner is hereby authorized to charge the indicated fees to Deposit Account No. 19-1345.
- The Commissioner is hereby authorized to charge any additional fees required under 37 CFR 1.16 and 1.17 to Deposit Account No. 19-1345.
- Applicant claims small entity status.

2.  Check Enclosed. The Commissioner is hereby authorized to charge any under payment or credit any over payment to Deposit Account No. 19-1345.

**FEE CALCULATION**

1.  BASIC FILING FEE Subtotal (1) \$ 375.00  
(Type: Utility)

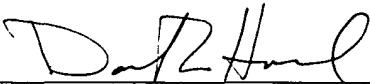
2.  EXTRA CLAIM FEES Subtotal (2) \$ 162.00

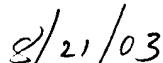
Total Claims 38  
Independent Claims 3  
Multiple Dependent Claims \_\_\_\_\_

3.  ADDITIONAL FEES Subtotal (3) \$ 40.00

- Surcharge - late filing fee or oath
- Surcharge - late provisional filing fee or cover sheet
- Extension for reply within \_\_\_\_\_ month
- Notice of Appeal
- Filing a Brief in Support of an appeal
- Request for ex parte Reexamination
- Petitions to the Commissioner
- Submission of Information Disclosure Statement
- Recording each patent assignment per property
- Request for Continued Examination
- Other: \_\_\_\_\_

**TOTAL AMOUNT OF PAYMENT** \$ 577.00

  
\_\_\_\_\_  
David L. Howard, Reg. No. 41,502

  
\_\_\_\_\_  
Date

DLH/kll

Express Mail Label No. EV 272755182 US